BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

(42)

Estimate Cost Rs. 1950000.00

Name of Work: Detailed Estimate for the work of construction of Dhobhi Ghat near yelahanka lake in ward No- 01 of yelahanka Sub division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	A) DRILLING OF BOREWELL								
1	Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting venner or schlumbergers's method, including reconnaissance survey of geological formation, Geological investigation of existing ground water in vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 mtr in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc (P.NO-47, I NO-9.4, PRED 12-13 SR)	Nos							
			1				1	1882.00	1882.00
	Basic Rate	1882.00							
	Total	**1882.00**							
2	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) (P.NO-47, I NO-9.1, PRED 12-13 SR)	Rmt							
	0.00 to 50.00 Mtr.		1	50.00			50.00	315.18	15759.00
	50.00 to 100.00 Mtr.		1	50.00			50.00	412.00	20600.00
	100.00 to 150.00 Mtr.		1	50.00			50.00	458.35	22917.50
	150.00 to 200.00 Mtr.		1	50.00			50.00	484.10	24205.00
	200.00 to 250.00 Mtr.		1	50.00			50.00	560.32	28016.00

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	250.00 to 300.00 Mtr.		1	20.00			20.00	600.49	12009.80
	Basic Rate	306.00							
	3% area weightage	9.18							
	Total	**315.18**							
3	Supplying of ISI Mark 175 mm nominal bore medium black ERW casing pipe of 5mm thick black electric resistance continous welded midle steel tube material confirming to IS 1387/1993 and manufactured from hot rolled steel skelp/stripes in random length of 4 to 7 mtr both ends threaded confirming to IS 554/1985 one end(including of all taxes) (P.NO-III, I.NO-84, PRED 12-13 SR)	Rmt							
			1	50.00			50.00	1364.75	68237.50
	Basic Rate	1325.00							
	3% area weightage	39.75							
	Total	**1364.75**							
4	Providing and fixing 250mm dia PVC 6 kg/sqcm pressure pipe including jointing and labur charges for laying pipes and as per specification and directions. (BWSSB SR 13-14, P.No.45 I no.1 of sl.no.11)	Each							
			1	15.00			15.00	1133.00	16995.00
	Basic Rate	1100.00							
	3% area weightage	33.00							
	Total	**1133.00**							
5	175 mm dia M.S. Casing cap (P.NO-III, I.NO-85, PRED 12-13 SR)	Each							
			1				1.00	100.00	100.00
	Basic Rate	100.00							
6	M.S. Casing pipe collars 'C' Class (P.NO-III, I.NO-86, PRED 12-13 SR)	Each							
			1	10.00			10.00	150.00	1500.00
	Basic Rate	150.00							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
20 No									
7	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz 380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 15 000 HP 30 stage (P.NO-XXXXIII, I NO-33, PWD SR 13-14) kirloscar pumps	set							
			1				1 00	70600 00	70600 00
	Basic Rate	70600 00							
8	Providing, GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc, complete 'A' grade(excluding cost of fittings)b50mm dia GI pipe (SR 13-14 PWD Page No XVII code No 509, 0154)	Rmtr							
			1	150 00			150 00		
							150 00	330 63	49594 50
	Basic Rate	321 00							
	3% area weightage	9 63							
	Total	330.63							
9	Providing & fixing socket GI (heavy duty collar) (Pwd SR pg xxxviii)	No							
			1	30.00			30 00	84 80	2544 00
	Basic Rate	84.80							
10	Supplying and drawing 3 core PVC Sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS. 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts 4 sqmm of 56 strands 0 3mm dia (P.NO-535, I.NO-30 (c), BWSSB 12-13 SR)	Mtr							
			1	300.00			300.00	164.29	49285.50

(40)

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate	159.50							
	3% area weightage	4.79							
	Total	164.29							
11	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key nbs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc, completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 15.00 HP with star delta starter (MR)	no	1				1.00	10000.00	10000.00
12	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc, complete box of 21600 sq cm (P.NO-530, I NO-39 b, BWSSB SR 13-14)	Sqm Cm	1	1000.00	20.00		20000.00		
	Basic Rate	0.33					20000.00	0.34	6798.00
	3% area weightage	0.01							
	Total	0.34							
13	Providing & Fixing of clamps set and borewell cap to the pump .	No's	1				1.00	450.00	450.00
14	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve) (PWD SR 13-14, P.NO.XXIV, Sl.no, 673)	No's	1	3.00			3.00	1600.00	4800.00
	Basic Rate	1600.00							

No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
15	Supplying and delivery of brand new best make Gate Valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark . 50mm Gate Valve for distributer pipeline. 50mm dia (PWD SR 13-14, P.NO.XXIV, Sl no, 659)	No's							
			1	3.00			3.00	1145.00	3435.00
	Basic Rate	1145.00							
16	Providing and fixing of 50mm GI bend to motor (PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No's							
			1	3.00			3.00	219.00	657.00
	Basic Rate	219.00							
17	Providing and fixing of 50mm GI Nipple to motor (PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No's							
			1	3.00			3.00	104.30	312.90
	Basic Rate	104.30							
18	Providing and fixing of 50mm GI union to the motor ((PWD SR 13-14, P.NO.XXXVIII GI FITTINGS TABLE)	No's							
			1	3.00			3.00	223.70	671.10
	Basic Rate	223.70							
20	Labour charges for erection of new /repaired submersible pumpset along with GI pipes (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (each length = 6.00m) (P.No - 564, I No - 3, BWSSB SR 13-14)	Per length							
			1	52.00			52.00	90.64	4713.28
	Basic Rate	88.00	Nos						
	3% area weightage	2.64	Nos						
	Total	90.64	Nos						
21	Erection of combined panel board meter board with all necessary materials and labour including providing CC 1:3:6 foundation bed etc,. Complete for basement out door type. (MR)	No's							
			1	1.00			1.00	475.00	475.00

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
22	Supplying and fixing miniature circuit breakers/isolators in existing MCB distribution boards using necessary fixing materials and wiring complete as required, 40 to 63 Amps DP (P.NO - 526, I.NO - 13D (a), BWSSB SR 13-14)	No's							
			1	1.00			1.00	906.40	906.40
	Basic Rate	880.00							
	3% area weightage	26.40							
	Total	**906.40**							
23	Supplying and laying of L.T.U.G Cable having aluminiumconductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable (confirming to IS 1554) (P.NO - 553, I.NO - 10 (d), BWSSB SR 13-14)	Mtr							
			1	30.00			30.00	169.95	5098.50
	Basic Rate	165.00							
	3% area weightage	4.95							
	Total	**169.95**							
24	Digging of trenches of 0.6mm x 0.50 Mtrs wide refilling the trench to the required ground level and consolidating etc, Complete sutting road surfaces (P.NO - 554, I.NO - 12 (b), BWSSB SR 13-14) in hard soil	Mtr							
			1	30.00			30.00	56.65	1699.50
	Basic Rate	55.00							
	3% area weightage	1.65							
	Total	**56.65**							
25	Supplying and fixing Class-A GI Pipe on pole/ wall/drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 40mm (P.NO - 555, I.NO - 15 (b), BWSSB SR 13-14)	Mtr							
			1	3.00			3.00	294.58	883.74
	Basic Rate	286.00							
	3% area weightage	8.58							
	Total	**294.58**							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
26	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 122mm dia (P.NO - 552, I.NO - 7 , BWSSB SR 13-14)	No's							
			1				1.00	1699.50	1699.50
	Basic Rate	1650.00							
	3% area weightage	49.50							
	Total	**1699.50**							
27	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmmUG cable filled with necessary bitumen/ insulating compound complete with terminals, clamps, bolts nuts and washers etc, (P.NO - 555, I.NO - 16 (b) , BWSSB SR 13-14)	No's							
			1				1.00	271.92	271.92
	Basic Rate	264.00							
	3% area weightage	7.92							
	Total	**271.92**							
28	Supplying shunt capacitor's confirming to IS 2834, 3phase 400/440 volts grade for power factor improvement of roating machinery capacitor in KVAR rating No's. (MR)	No's							
			1				1.00	1350.00	1350.00
29	Providing and fixing Gun Metal Gate wheel valve confirming to IS specification of approved make as per direction including all lead and lift etc,. Complete 50mm dia (P.NO - 103, I.NO - 13.79.6, PWD SR 14-15)	No's							
			1	3.00			3.00	1526.40	4579.20
	Basic Rate	1440.00							
	6% area weightage	86.40							
	Total	**1526.40**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
(35)									
30	Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides with planks made out on not more than 2 pieces and fixing the same to wall using tapered inverted wooden plugs screws etc , Size 20 x 20 x 2 5 inches (P NO - 521, I NO - 2 (f), BWSSB SR 13-14)	No's							
			1				1.00	311.58	311.58
	Basic Rate	302 50							
	3% area weightage	9 08							
	Total	**311.58**							
31	KSRB 2-1.1 Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (P NO - 5, I NO - 2.1, PWD SR 13-14)	Cum							
	for PVC pipe		1	20 00	0 60	0 90	10 80		
							10 80	144.16	1556.93
	Basic Rate	136 00							
	6% area weightage	8 16							
	Total	**144.16**							
28	Providing and instalation at site of works P.V.C Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., **Page No.12 item No.3.4.2 b PRED SR 2010-11.**	Rmtr							
	75 mm dia 6 KSC PVC pipe		1	20 00			20 00	117 00	**2340.00**
33	Providing and installation at site of work 20mm GI pipes including cost of pipes and specials and labur incluidng lowering into trenches, laying ture to line, complete as per direction of Engineer in charge for public taps for motors/pipeline (P No 95, I No 13.11 PWD SR 2014-15	Mtr							
			1	15 00			15.00	195.04	2925.60
	Basic Rate	184 00							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	6% area weightage	11.04							
	Total	195.04							
34	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P.NO - 6, I.NO - 2.11, PWD SR 13-14)	cum							
	Basic Rate	66.00					10.80	59.36	641.09
	6% area weightage	3.96							
	Total	69.96							
35	Bescom Deposit charges	No's	1				1.00	14000.00	14000.00
36	water quality testing charges	LS	1				1.00	1200.00	1200.00
							A) TOTAL		456022.03
	B) CONSTRUCTION OF DHOBHI GHAT HALL & TOILET								
1	KSRB 2-1.1 Earth work in surface excavation in hard soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.2/ PWD SR 2014-15	cum							
	for hall		1	7.00	6.50	0.40	18.20		
	for toilet		1	7.00	4.00	0.15	4.20		
	Basic Rate	163.00					22.40	172.78	3870.00
	Area Weightage @ 6%	9.78							
	Total	172.78							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
33 2	KSRB 2-2.2 Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m specification, specification. No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2014-15	cum							
	for colums		9	1.50	1.50	1.50	30.38		
	for walls		2	7.00	0.90	1.20	15.12		
			2	4.70	0.90	1.20	10.15		
	wall foundation for toilet		2	6.88	0.90	1.05	13.00		
			3	2.12	0.90	1.05	6.01		
			2	1.50	0.60	0.65	1.17		
			3	1.20	0.60	0.65	1.40		
			1	0.75	0.60	0.65	0.29		
			1	2.63	0.60	0.15	0.24		
	deduction column porotion						77.76		
			9	1.50	0.90	1.20	14.58		
	Basic Rate	245.00					63.18	259.70	16409.00
	Area Weightage @ 6%	14.70							
	Total	259.70							
4	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 141 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 141 (SR 2014-15)	cum							
	Basic Rate for loading and unloading	63.00	Vide Item No. 1+2				85.58	77.63	6644.00
	Basic Rate for Haulage upto 4.00 k.m =1.28 X 2 X 4	10.24							
		73.24							
	Area Weightage @ 6%	4.39							
	Total	77.63							

NO	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
5	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M7.5 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2014-15	Cum							
	for colums		9	1.50	1.50	0.20	4.05		
	walls		2	7.00	0.90	0.15	1.89		
			2	4.70	0.90	0.15	1.27		
	wall foundation for Toilet		2	6.88	0.90	0.10	1.24		
			3	2.12	0.90	0.10	0.57		
	parpet wall		2	2.27	0.60	0.10	0.27		
			3	0.77	0.60	0.10	0.14		
	for steps		1	0.15	0.60	0.10	0.01		
			1	1.62	0.60	0.10	0.10		
							9.54		
	deduction column portion		9	1.50	0.90	0.15	1.82		
							7.71	4757.28	36700.00
	Basic Rate	4488.00							
	Area Weightage @ 6%	269.28							
	Total	4757.28							
6	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2014-15	Cum							
	for colums footings		9	1.50	1.50	0.45	9.11		
	columns 1st and 2nd floor upto parapet level		9	0.45	0.23	10.00	9.32		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
31	lintel for main wall		2	7.00	0.23	0.20	0.64		
			2	4.70	0.23	0.20	0.43		
	roof slab for toilet		1	6.21	3.48	0.15	3.24		
	lintel beam V1		1	1.30	0.20	0.15	0.04		
	V2		5	1.05	0.20	0.15	0.16		
	D1		1	2.63	0.20	0.15	0.08		
	D2		3	1.05	0.20	0.15	0.09		
							23.12	**5952.96**	**137605.00**
	Basic Rate	5616.00							
	Area Weightage @ 6%	336.96							
	Total	**5952.96**							
7	KSRB 5.2.3 Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 25/ Item No. 5.6/ PWD SR 2014-15								
	walls								
			2	7.00	0.75	0.40	4.20		
	footings -1 for toilet		2	4.70	0.75	0.40	2.82		
	LW		2	6.73	0.75	0.30	3.03		
	SW		3	2.27	0.75	0.30	1.53		
	Partition wall		2	2.12	0.45	0.50	0.95		
			3	0.92	0.45	0.50	0.62		
	footings -2 LW		1	0.30	0.45	0.50	0.07		
	SW		2	6.58	0.60	0.45	3.55		
	Footings -3 LW		3	2.42	0.60	0.45	1.96		
	SW		2	6.43	0.45	0.15	0.87		
			3	2.57	0.45	0.15	0.52		
	deduction columns						**20.13**		
			9	1.50	0.75	0.40	4.05		
							4.05		
	Basic Rate	3552.00					**16.08**	**3765.12**	**60525.00**
	Area Weightage @ 6%	213.12							
	Total	**3765.12**							
8	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:8, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 26/ Item No. 5.9/ PWD SR 2014-15								
	walls	**Cum**							
			2	7.00	0.45	0.45	2.84		
	wall foundation for toilet		2	4.70	0.45	0.45	1.90		
			2	6.43	0.45	0.45	2.60		
			3	2.57	0.45	0.45	1.56		
	partition wall		2	2.12	0.45	0.45	0.86		
			3	0.92	0.45	0.45	0.56		
			1	0.30	0.45	0.45	0.06		
	deduction columns						**10.38**		
			12	0.45	0.23	0.40	0.50		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							0.50		
	Basic Rate	4206.00					9.89	4458.36	44073.00
	Area Weightage @ 6%	252.36							
	Total	4458.36							
9	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 122/ Item No. 15.1 PWD SR 2014-15	sqm							
	for dhobhi ghat hall		2	7.00		0.400	5.60		
	for toilet		2	4.70		0.400	3.76		
			2	3.47		0.450	3.12		
			2	6.20		0.450	5.58		
							18.06	90.10	1627.00
	Basic Rate	85.00							
	Area Weightage @ 6%	5.10							
	Total	90.10							
10	KSRB-4-1.6 : Providing and laying in position plain cement concrete of mix M15 withOPC cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2/ P.No. 12/ Item No. 4.6/ PWD SR 2014-15	Cum							
	Plinth beam		2	6.90	0.45	0.20	1.24		
			2	4.60	0.45	0.20	0.83		
							2.07		
	deduction columns portion		9	0.45	0.23	0.30	0.28		
							1.79	5228.98	9363.00
	Basic Rate	4933.00							
	Area Weightage @ 6%	295.98							
	Total	5228.98							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
29 11	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications, specification No. KBS 2.9, No. 6/ Item No. 2.10/ PWD SR 2014-15	Cum							
	for dhobhi ghat hall		1	6.90	4.60	0.700	22.22		
	for basement		1	6.21	3.48	0.450	9.72		
							31.94	**116.60**	**3725.00**
	Basic Rate	110.00							
	Area Weightage @ 6%	6.60							
	Total	**116.60**							
12	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17/ Item No 4.34/ PWD SR 2014-15	sqm							
	plinth beam	2x2	4	6.90		0.300	8.28		
		2x2	4	4.60		0.300	5.52		
	lintels	2x2	4	6.90		0.20	5.52		
		2x2	4	4.60		0.20	3.68		
							23.00	**255.46**	**5876.00**
	Basic Rate	241.00							
	Area Weightage @ 6%	14.46							
	Total	**255.46**							
13	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 16/ Item No 4.29/ PWD SR 2014-15	sqm							
		1x1	1	4.60		6.90	31.74		
							31.74	**308.46**	**9791.00**
	Basic Rate	291.00							
	Area Weightage @ 6%	17.46							
	Total	**308.46**							

Sl No		Description of item	Unit	No	L	B	D	Qty	Rate	Amount
14		KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications Specification NO. KBS 4.6.2 Page No. 16/ Item No. 4.28/ PWD SR 2014-15								
		COLUMNS FOOTINGS	sqm							
			2x9	18	1.50		0.60	16.20		
								16.20	220.48	3572.00
		Basic Rate	208.00							
		Area Weightage @ 6%	12.48							
		Total	220.48							
15		KSRB 4-6.6 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, piers, post and struts, circular or curved in plan including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17/ Item No. 4.33/ PWD SR 2014-15	sqm							
			2x9	18	3.00		0.450	24.30		
								24.30	874.50	21250.00
		Basic Rate	825.00							
		Area Weightage @ 6%	49.50							
		Total	874.50							
16		KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17/ Item No. 4.37/ PWD SR 2014-15	sqm							
				4	1.50		0.600	3.60		
								3.60	265.00	954.00
		Basic Rate	250.00							
		Area Weightage @ 6%	15.00							
		Total	265.00							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
27 18	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC, cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregates @0.391cum with superplastesiser @0.225Lts machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto ground floor lever, including cost of all materials, labour, HOM of machinery, curing, complete as per specification. Specification NO KBS 4.1, 4.6 Page No. 15/ Item No 4.20/ PWD SR 2014-15	sqm							
	D1		1	1.50		0.600	0.90		
	W		4	2.30		0.600	5.52		
							6.42	**507.74**	**3260.00**
	Basic Rate	479.00							
	Area Weightage @ 6%	28.74							
	Total	**507.74**							
19	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S. 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 27/ Item No. 5.27/ PWD SR 2014-15	cum							
		2x1	2	6.90		3.000	41.40		
		2x1	2	4.60		3.000	27.60		
	parpet		2	6.90		0.60	8.28		
			2	4.60		0.60	5.52		
	toilet outer wall		2	6.21		3.00	37.26		
			2	3.48		3.00	20.88		
	deduction D						**140.94**		
	w		1	1.80		2.10	3.78		
	V1 for toilet	2x2	4	2.00		1.50	12.00		
	V2		1	1.00		1.50	1.50		
	D1		5	0.75		1.50	5.63		
			2	0.90		1.50	2.70		
							25.61		
	Basic Rate	920.00					**115.34**	**975.20**	**112475.00**
	Area Weightage @ 6%	55.20							
	Total	**975.20**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
20	KSRB 4.9.2 providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Page No. 19/ Item No. 4.46/ PWD SR 2014-15	Quintal		36.01					
	100kg/cum		1.000	**36.01**			36.01		
							36.01	**7254.80**	**261268.00**
	Basic Rate	7254.80							
21	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete for R.C.C works laid in 15cms thick layers and well compacted vibrating curing etc. smooth finish in CM 1:3,with all lead and lift etc., complete. (exclusive of cost of steel and fabrication charges) Ready mixed cement concrete for Beams, column, Staircase and Roof with M-20(cement -320 Kg/Cum) Page No. 19/ Item No. 4.49.1/ PWD SR 2014-15	cum							
	roof		1	6.90	4.60	0.150	4.76		
	beam		3	6.90	0.23	0.600	2.86		
			2	4.60	0.23	0.600	1.27		
							8.89	5738.84	51002.00
	Basic Rate	5414.00							
	Area Weightage @ 6%	324.84							
	Total	**5738.84**							
22	KSRB 9.4-4 : Providing sal wood frames of doors, windows, clerestory windows, ventilators, and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33. Page No. 55 / Item No. 9.10/ PWD SR 2014-15	cum							
	Main doors	1x1	1	2.10	0.10	0.120	0.03		
	w		4	2.00	0.10	0.12	0.10		
	for toilet		2	2.20	0.10	0.10	0.04		
			1	1.00	0.10	0.10	0.01		
							0.18	**67158.42**	**11766.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate	63357.00							
	Area Weightage @ 6%	3801.42							
	Total	**67158.42**							
24	KSRB 9-24.1: Providing and fixing in position fully glazed for windows shutters with Honne wood styles and rails of 25mm thick, 75mm wide in single shutters with 4mm thick plain glass fixed with wooden beading including cost of materials, labour charges, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No.9.34, 9.42 Page No.61/ Item No. 9.73/ PWD SR 2014-15								
		sqm							
	windows	2x2	4	2.00		1.50	12.00		
							12.00	**2643.64**	**31724.00**
	Basic Rate	2494.00							
	Area Weightage @ 6%	149.64							
	Total	**2643.64**							
25	KSRB 7.9 : Providing and fixing M.S. grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 Page No. 37/ Item No. 7.9/ PWD SR 2014-15								
		kgs							
	windows	2x2	4	2.00		1.50	12.00		
	Toilet V1		1	1.00		0.60	0.60		
	V2		5	0.75		0.60	2.25		
	21kg/sqm						14.85		
				14.85	**21.00**		**311.85**	**98.58**	**30742.00**
	Basic Rate	93.00							
	Area Weightage @ 6%	5.58							
	Total	**98.58**							